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Laminate used as constituent material of heat-generator composition storage bags, consists of polypropylene-type spun-bond non-woven fabric having preset static friction coefficient, and thermoplastic resin layer

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Patent Family

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JP 2004345327	A	20041209	JP 2003148175	A	20030526	200503	B

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Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
JP 2004345327	A		23	B32B-005/02	

Abstract:

JP 2004345327 A

NOVELTY The laminate (1) consists of a polypropylene-type spun-bond non-woven fabric (2) and a thermoplastic resin layer (3). The non-woven fabric has static friction coefficient of 0.1-0.4. The laminate is applied as a constituent material of a heat-generator composition storage bag.

DETAILED DESCRIPTION The polypropylene-type spun-bond non-woven fabric contains lubricating agent such as aliphatic amide-type compound which is erucic-acid amide. The thermoplastic resin layer contains polyolefin-type resin and/or olefin-type resin copolymer.

USE As constituent material of heat-generator composition storage bags, such as disposable pocket body warmer, heat-generating compress and heat-generation sheet for aesthetics (claimed).

ADVANTAGE The laminate has excellent flexibility, touch property, feel, heat-resisting property, intensity, stiffness property and fabrication property.

DESCRIPTION OF DRAWING(S) The figure shows a schematic view of laminate.

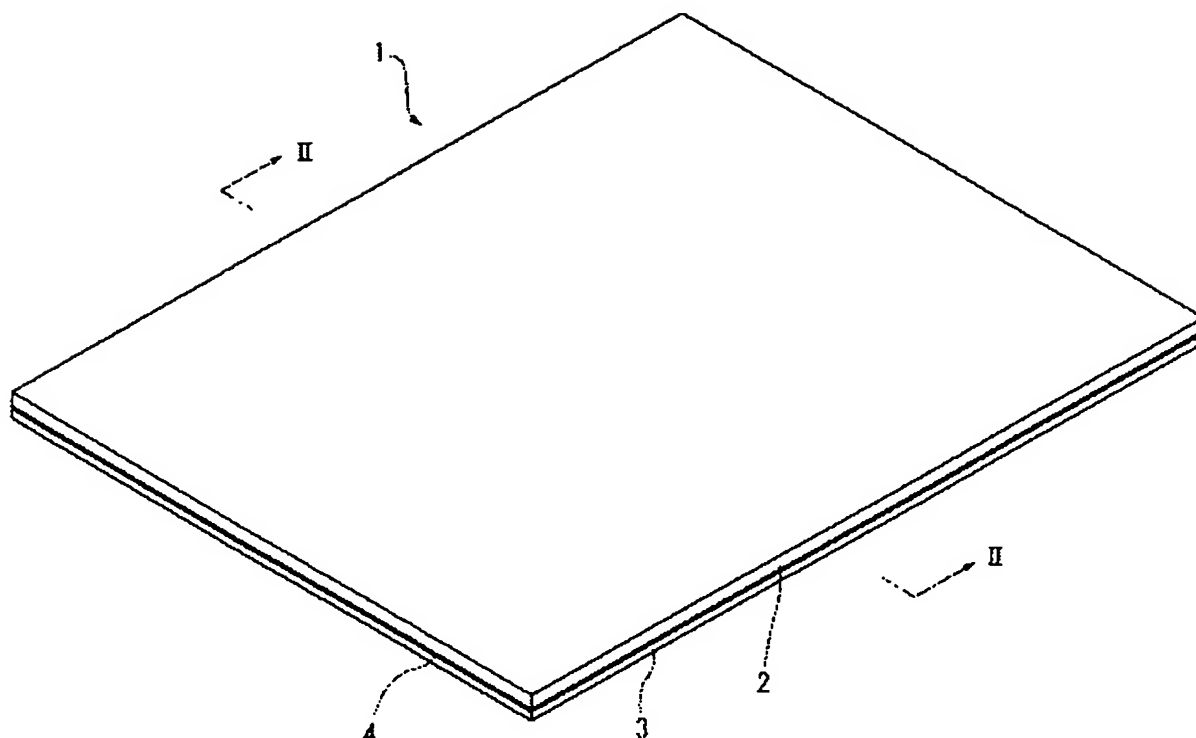
laminate (1)

polypropylene-type spun-bond non-woven fabric (2)

thermoplastic resin layer (3)

interlayer resin (4)

pp; 23 DwgNo 1/6



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